

Supplemental Information

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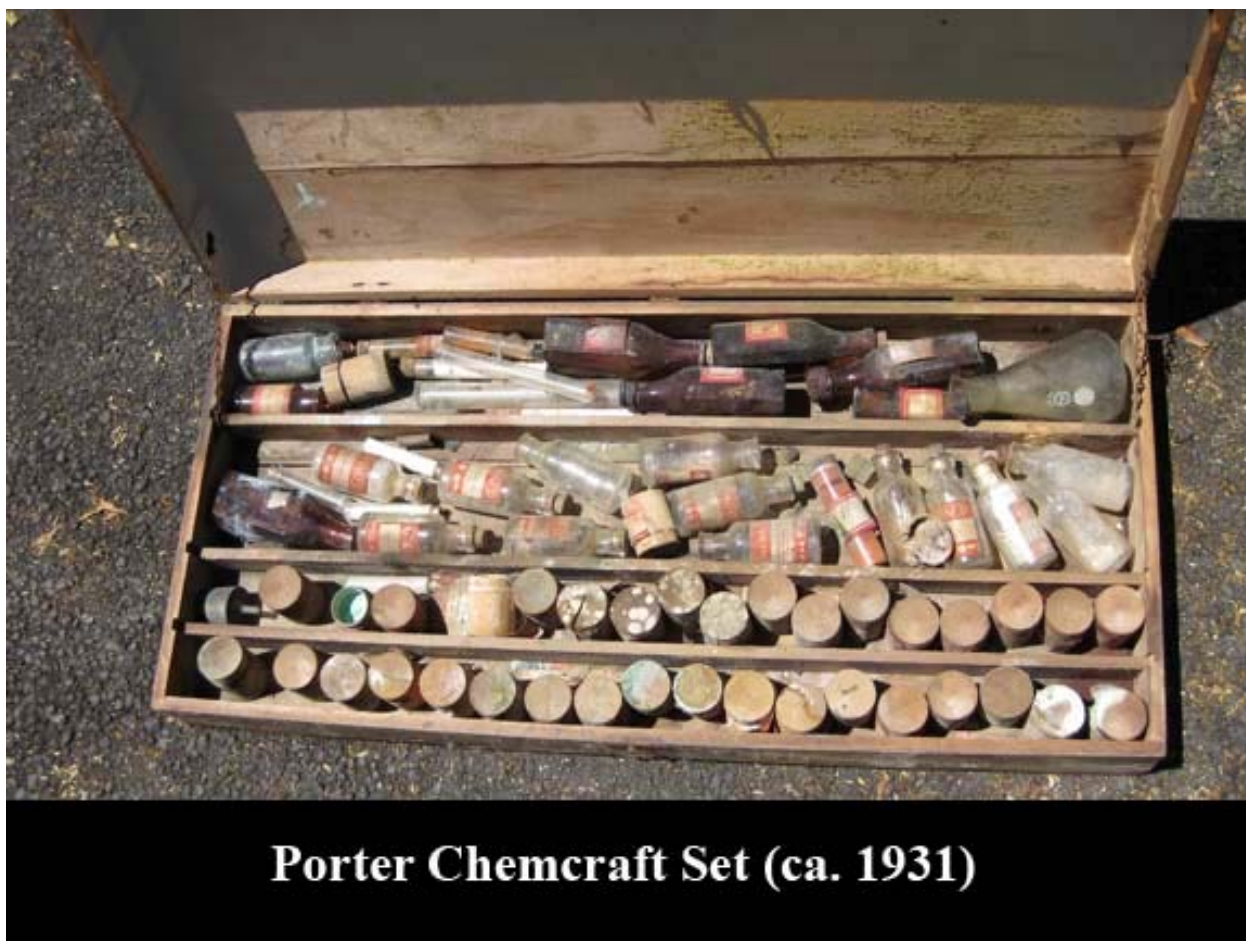


**Parents: Allen A. and Flora D. Roberts
(ca. 1955)**

Figure 1S: JDR Parents

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Porter Chemcraft Set (ca. 1931)

Figure 2S: Porter Chemcraft set

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**William R. Crowell, Professor of
Analytical Chemistry, UCLA (~1935)**

Figure 3S: William R. Crowell

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Charles D. Coryell, Instructor, Physical Chemistry, UCLA, Later, Professor of Inorganic Chemistry, MIT. (ca. 1946)

Figure 4S: Charles D. Coryell

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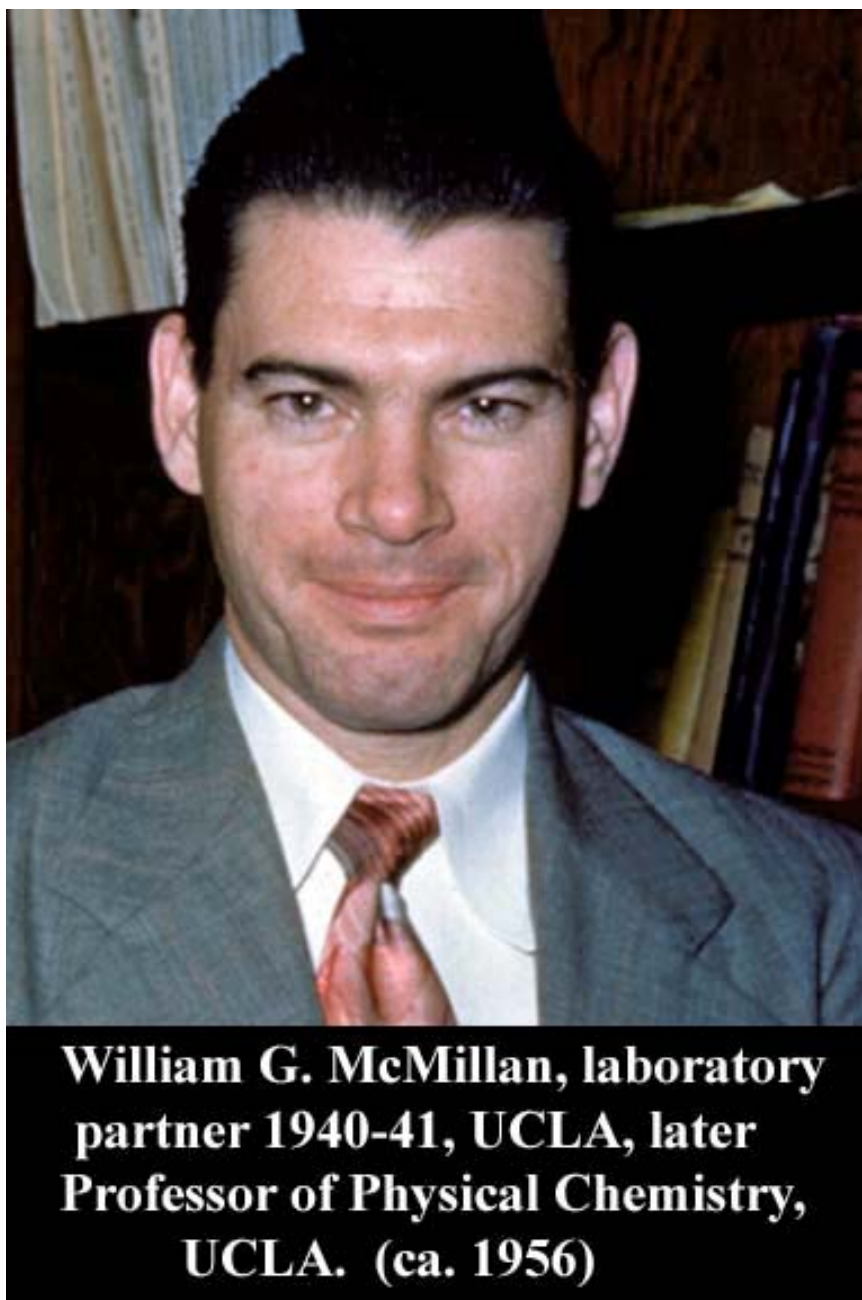


Figure 5S: William G. McMillan

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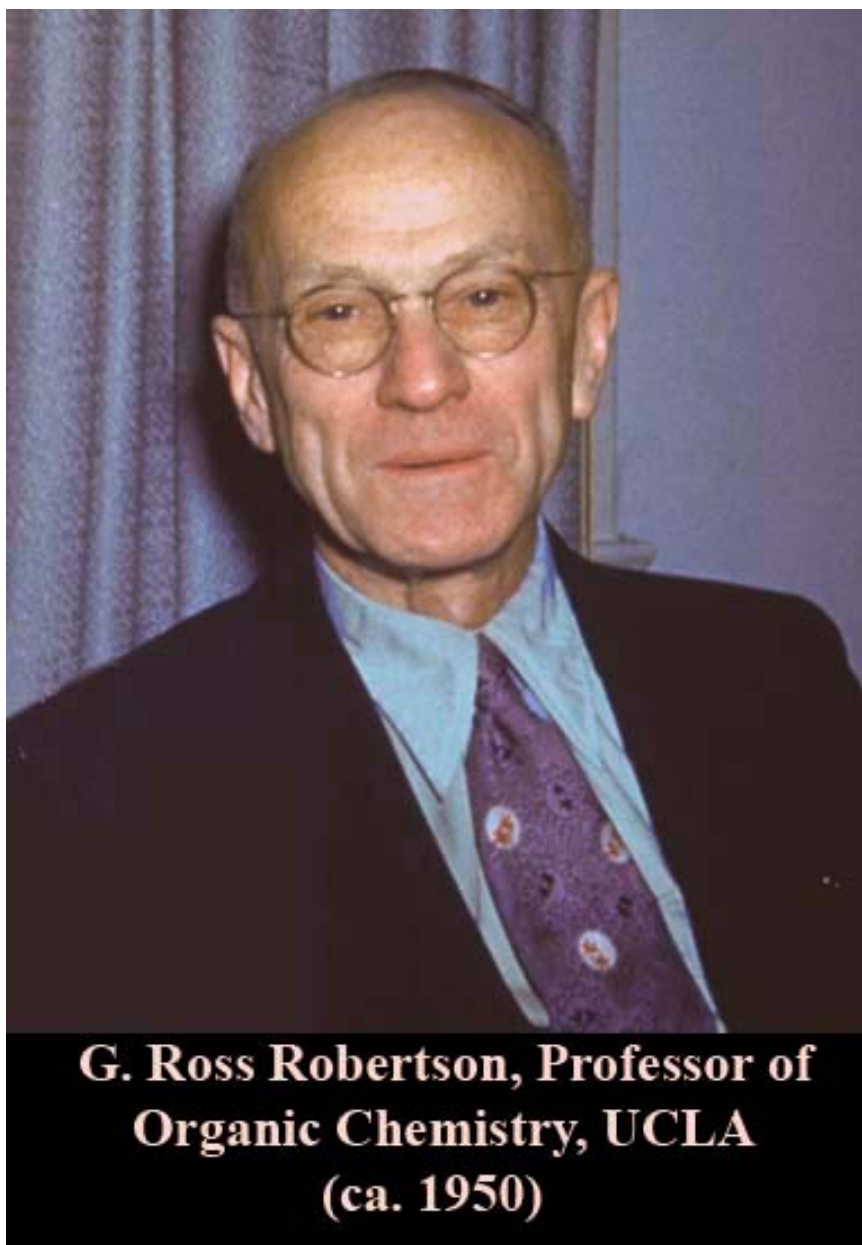
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Figure 6S: Thomas L. Jacobs

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**G. Ross Robertson, Professor of
Organic Chemistry, UCLA
(ca. 1950)**

Figure 7S: G. Ross Robertson

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Figure 8S: William G. Young

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Figure 9S: Saul Winstein

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Figure 10S: Frank C. Whitmore

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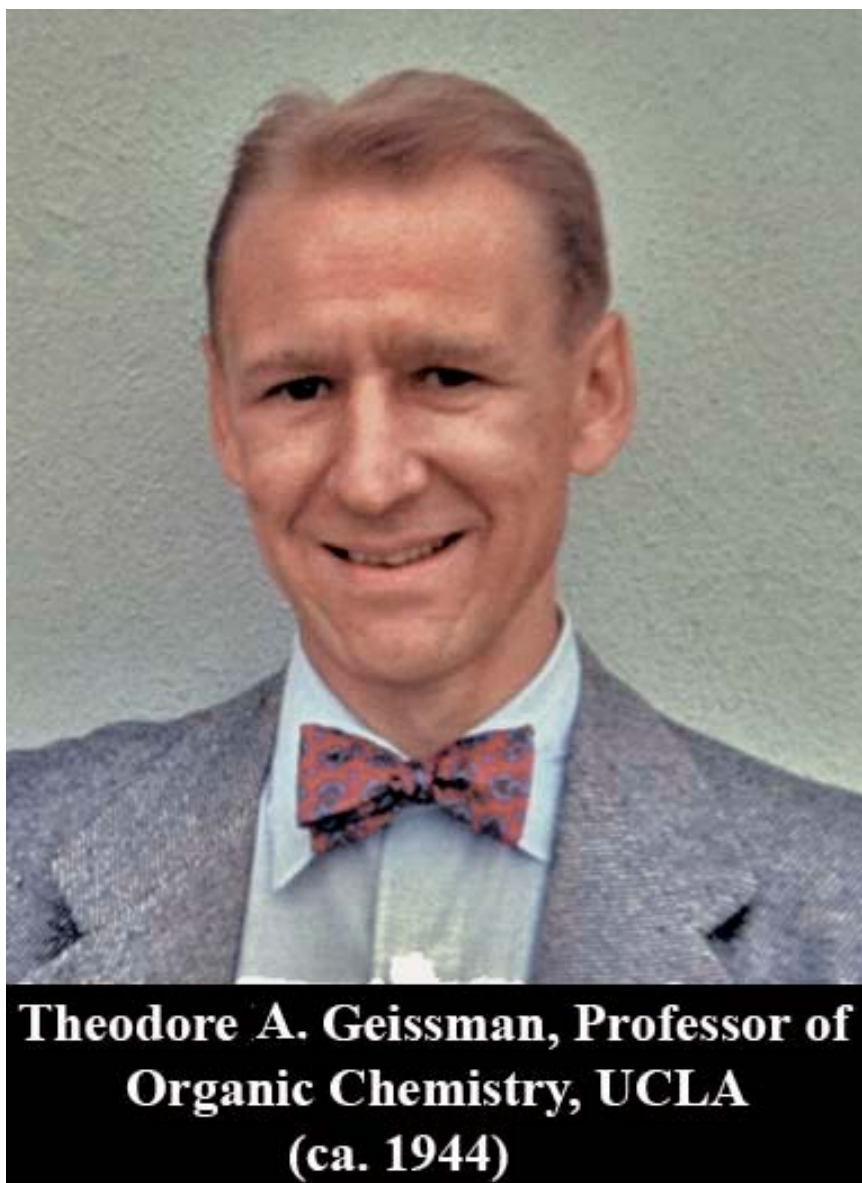


Figure 11S: Theodore A. Geissman

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Figure 12S: Edith M. Johnson

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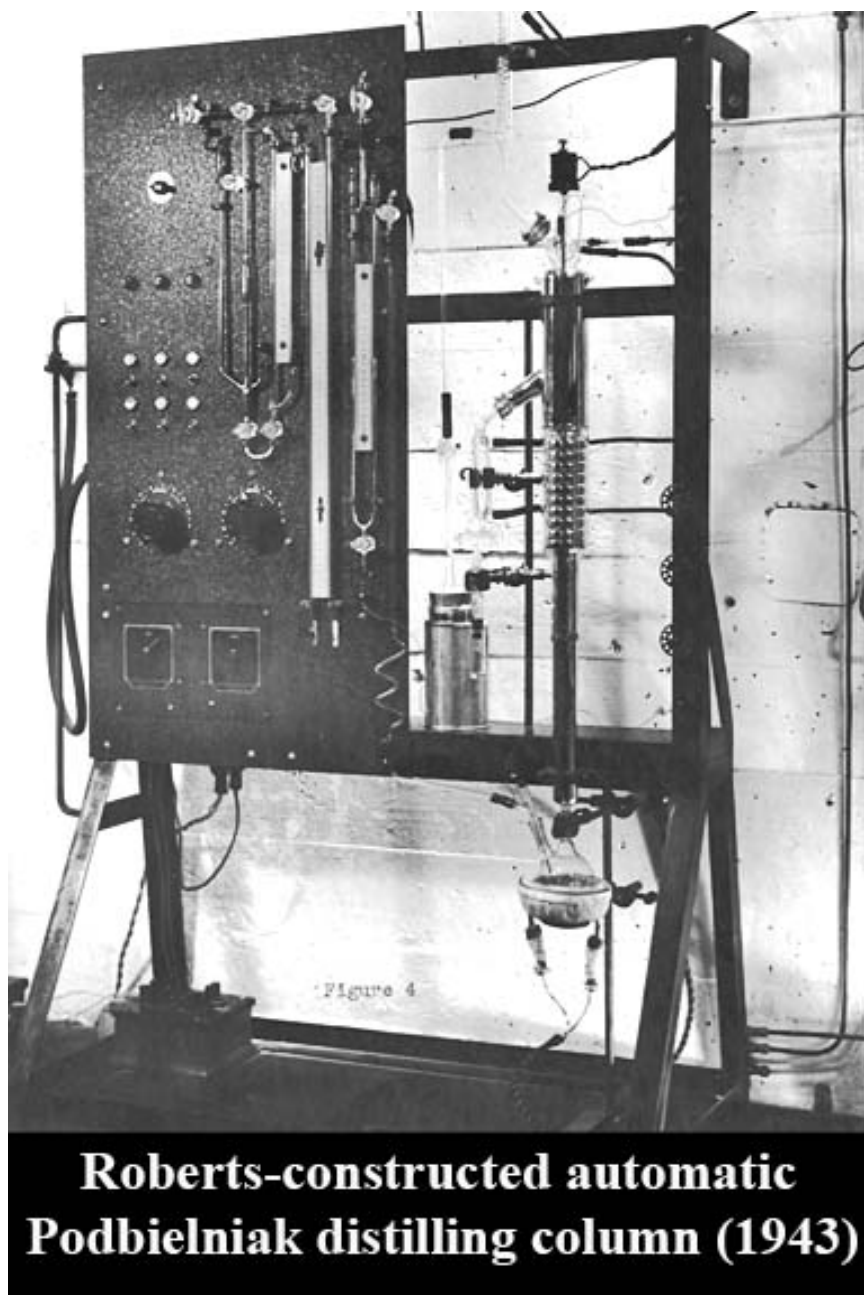
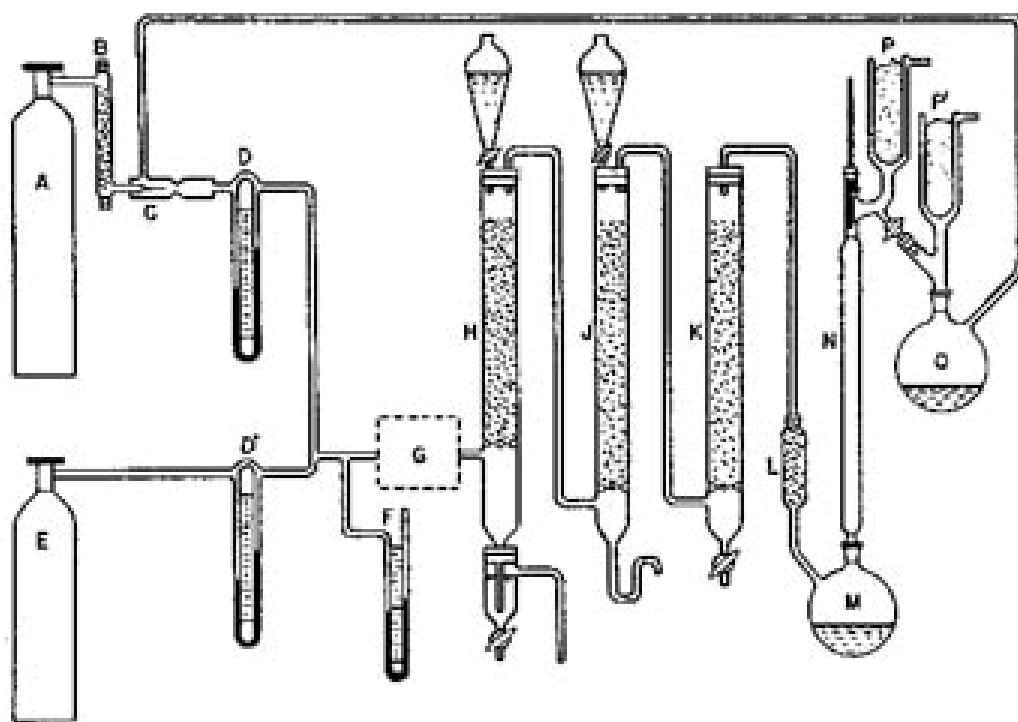


Figure 13S: Podbielniak column

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**Photochemical chlorination apparatus
for cyclopropane to cyclopropyl chloride,
1,1-dichloride formation reduced by
excess cyclopropane in feed. (see Ref. 23)**

Figure 14S: Cyclopropane chlorination

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Figure 15S: Paul D. Bartlett

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Figure 16S: Louis F. Fieser

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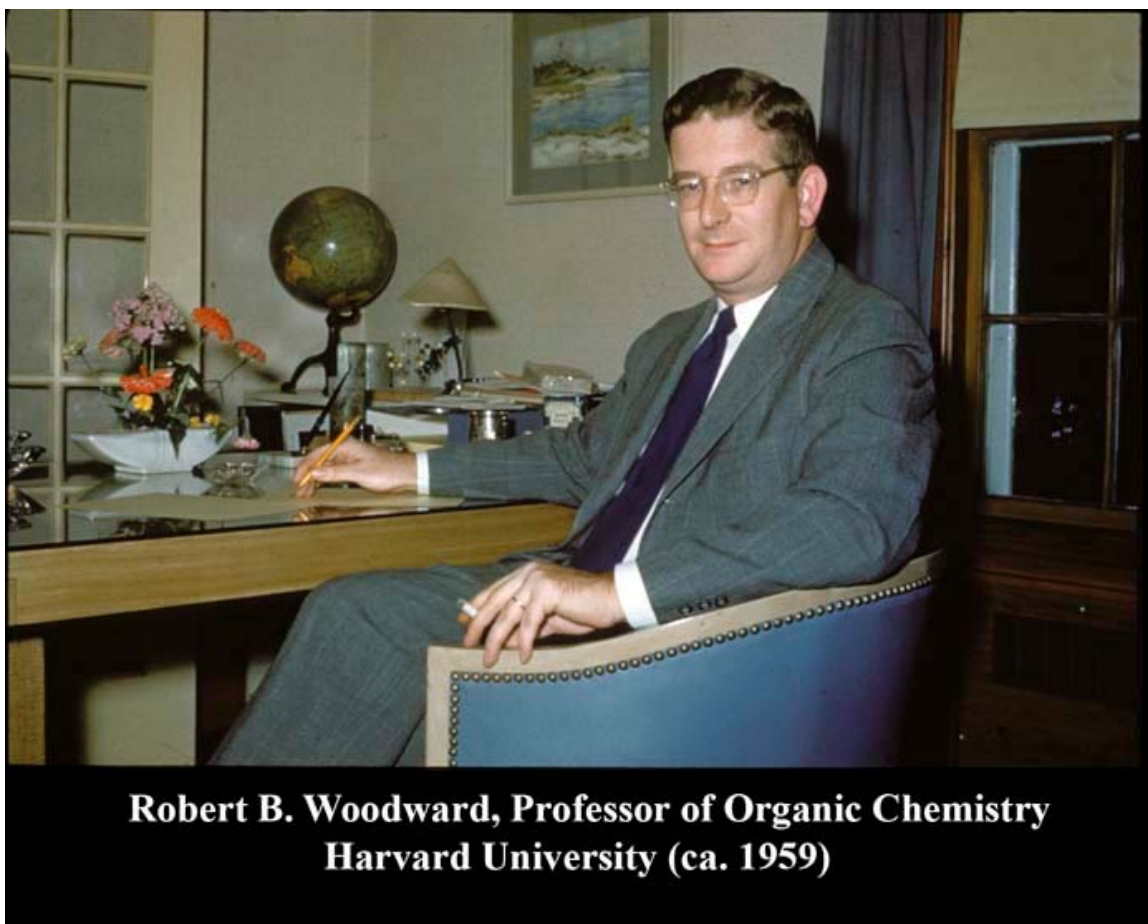


Figure 17S: Robert B. Woodward

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Figure 18S: Howard J. Lucas

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Figure 19S: Arthur C. Cope

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**John C. Sheehan, Professor of
Organic Chemistry, MIT
(ca. 1947)**

Figure 20S: John C. Sheehan

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Figure 21S: C. Gardner Swain

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Figure 22S: Michael J. S. Dewar

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Figure 23S: Linus Pauling

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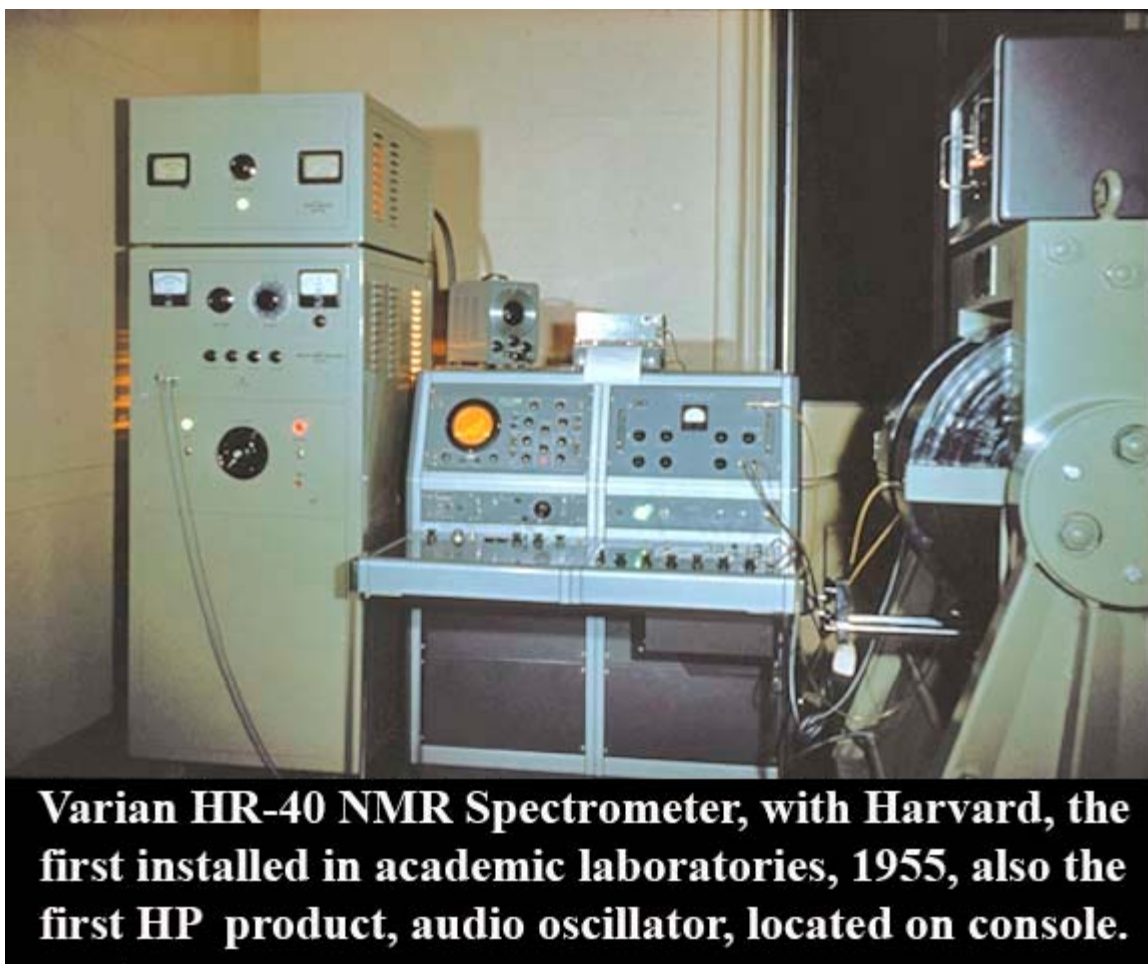


Figure 24S: Varian NMR Spectrometer 1

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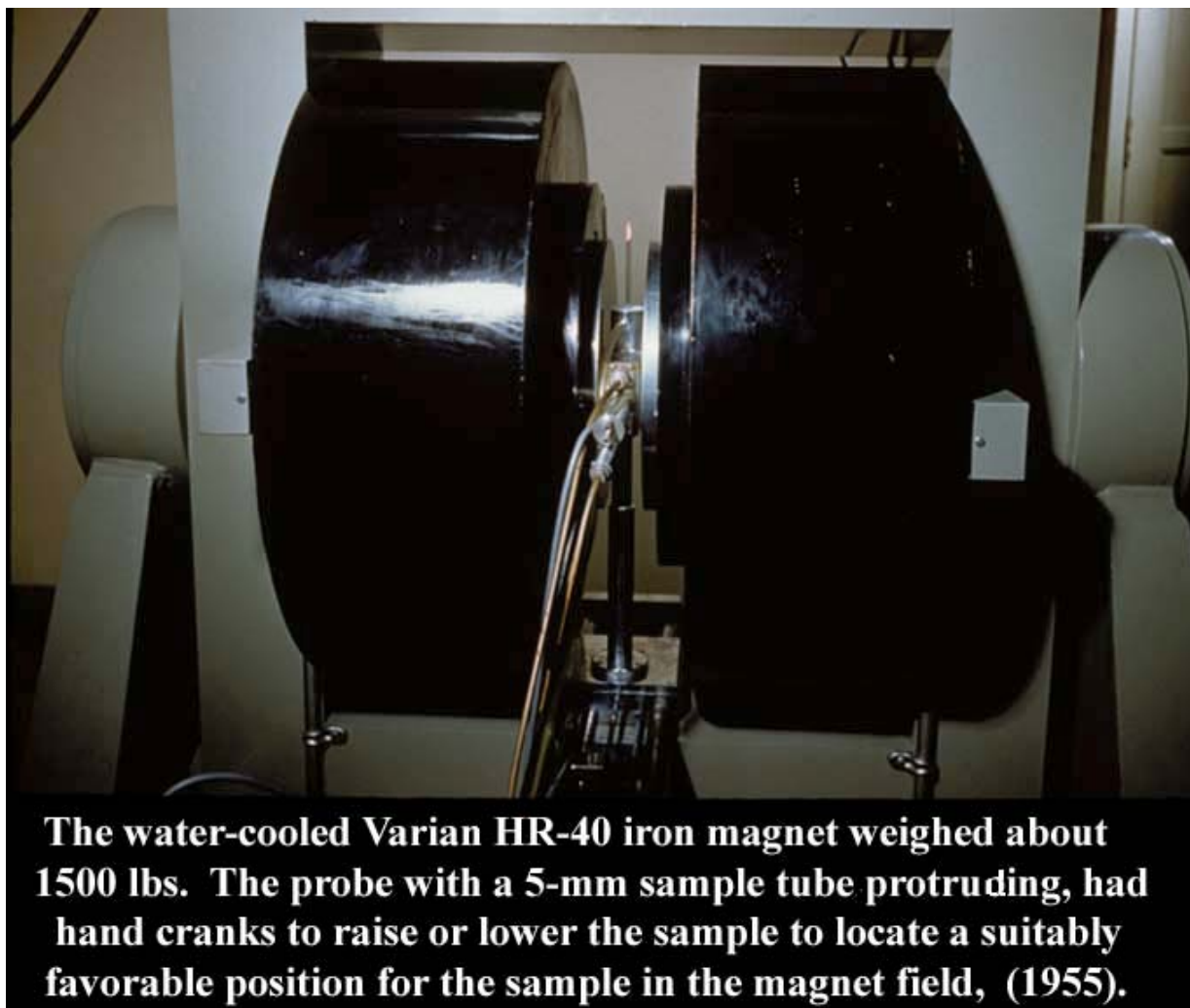


Figure 25S: Varian NMR Spectrometer 2

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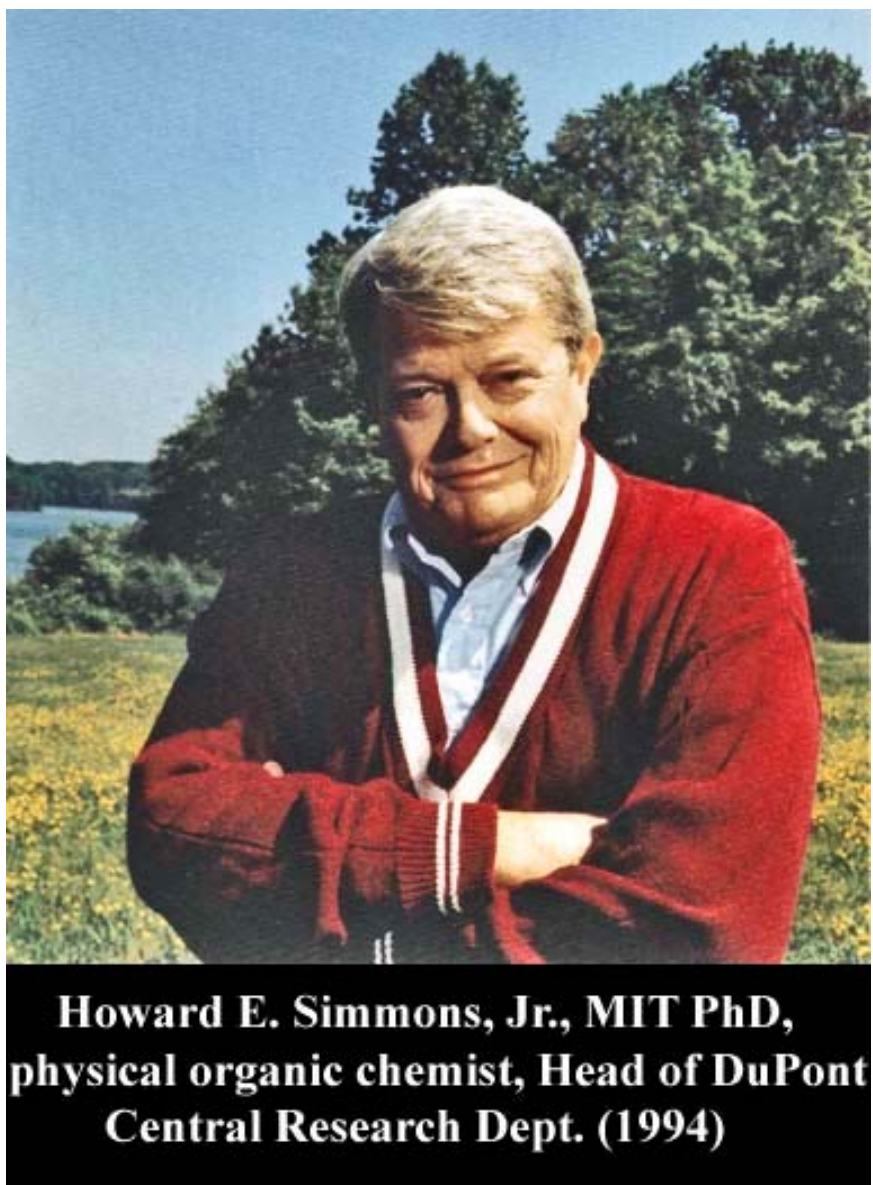


Figure 26S: H. E. Simmons, Jr.

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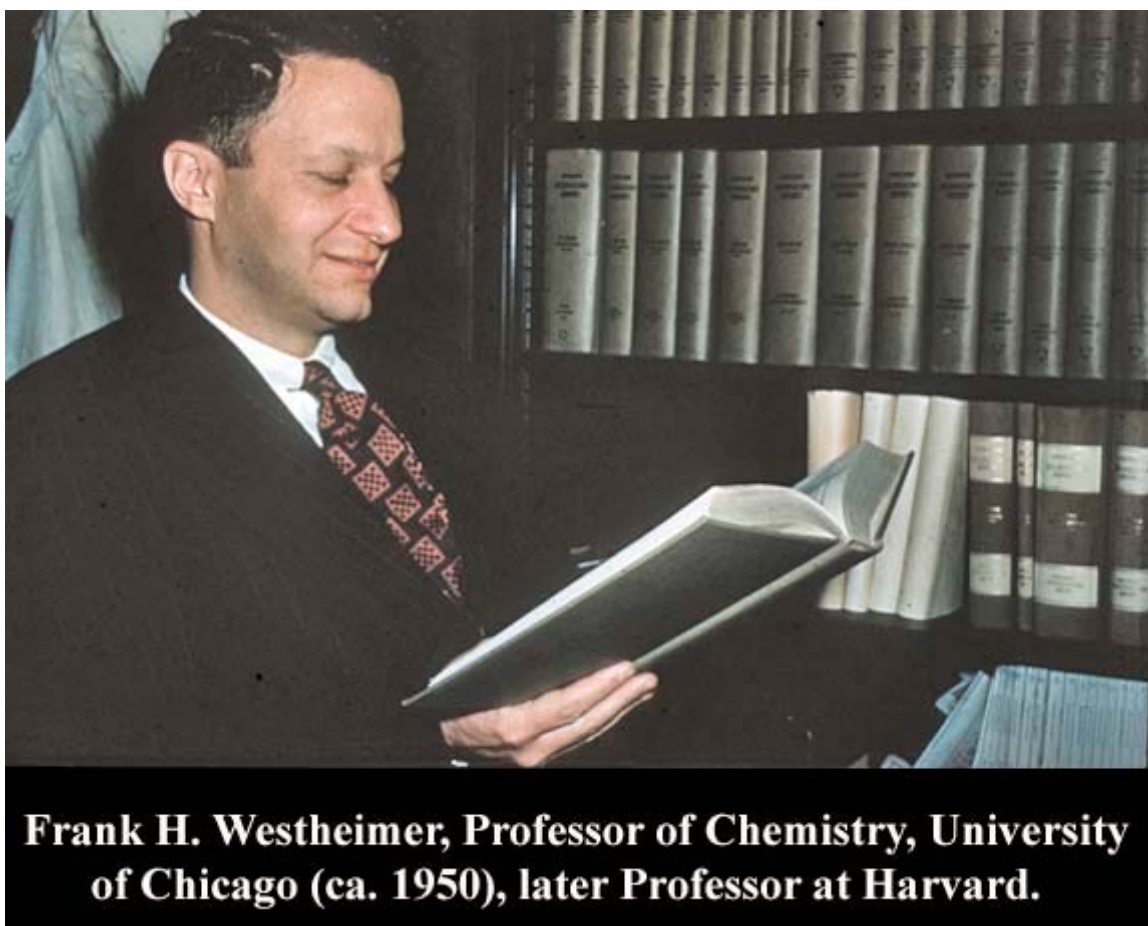


Dorothy A. Semenow, MIT graduate student transfer to Caltech 1953 to be Caltech's first female graduate student

Figure 27S: Dorothy A. Semenow

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Frank H. Westheimer, Professor of Chemistry, University of Chicago (ca. 1950), later Professor at Harvard.

Figure 28S: Frank H. Westheimer

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Figure 29S: Benzyne plaque

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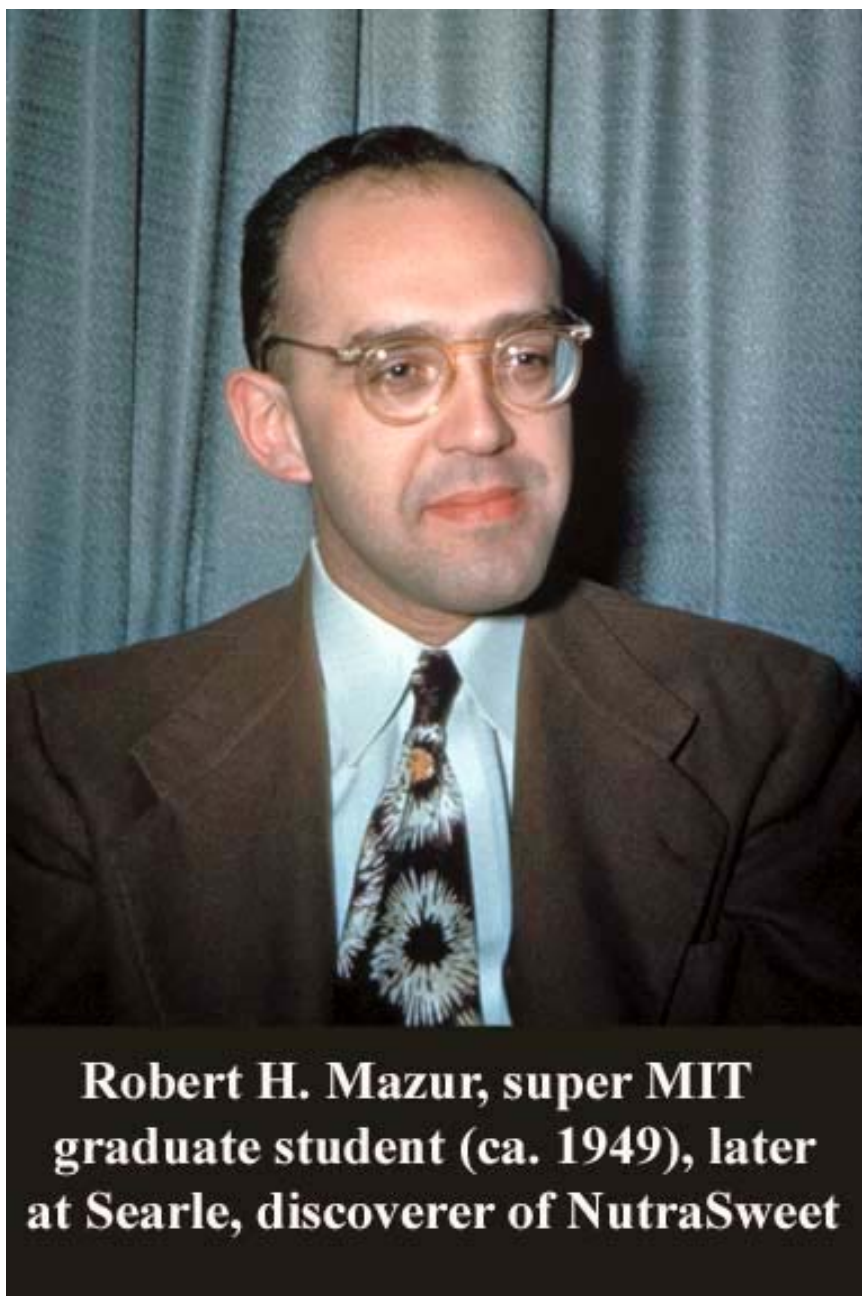


Figure 30S: Robert S. Mazur

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Figure 31S: Andrew Streiwieser

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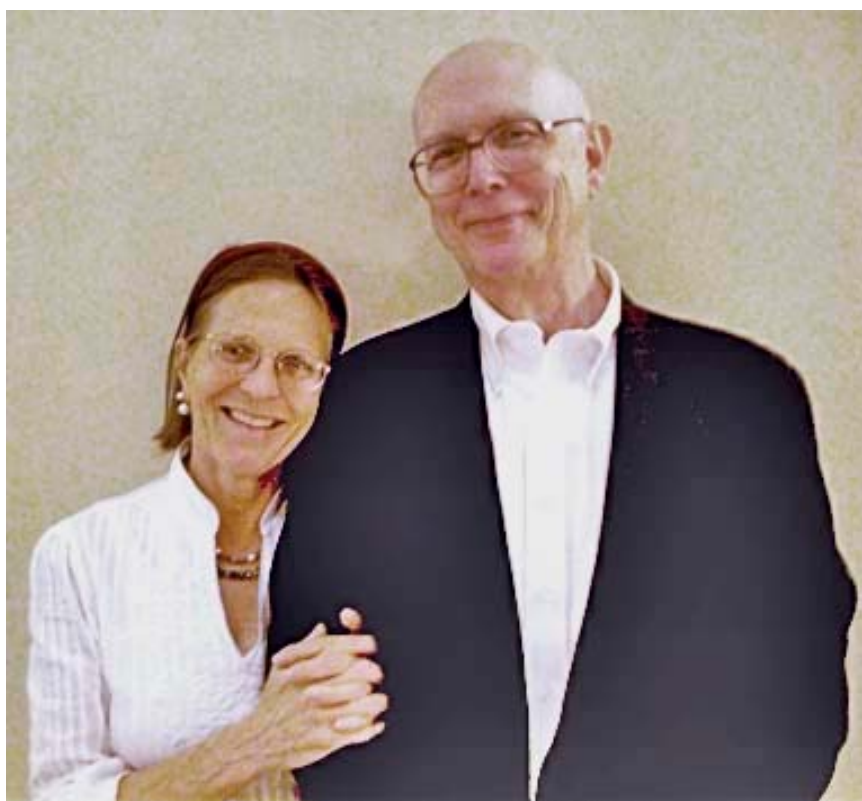
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Figure 32S: Derek H. R. Barton

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George and Barbara Whitesides (2009). A remarkably talented couple who helped bring much science and meaning to our lives

Figure 33S: George M. Whitesides

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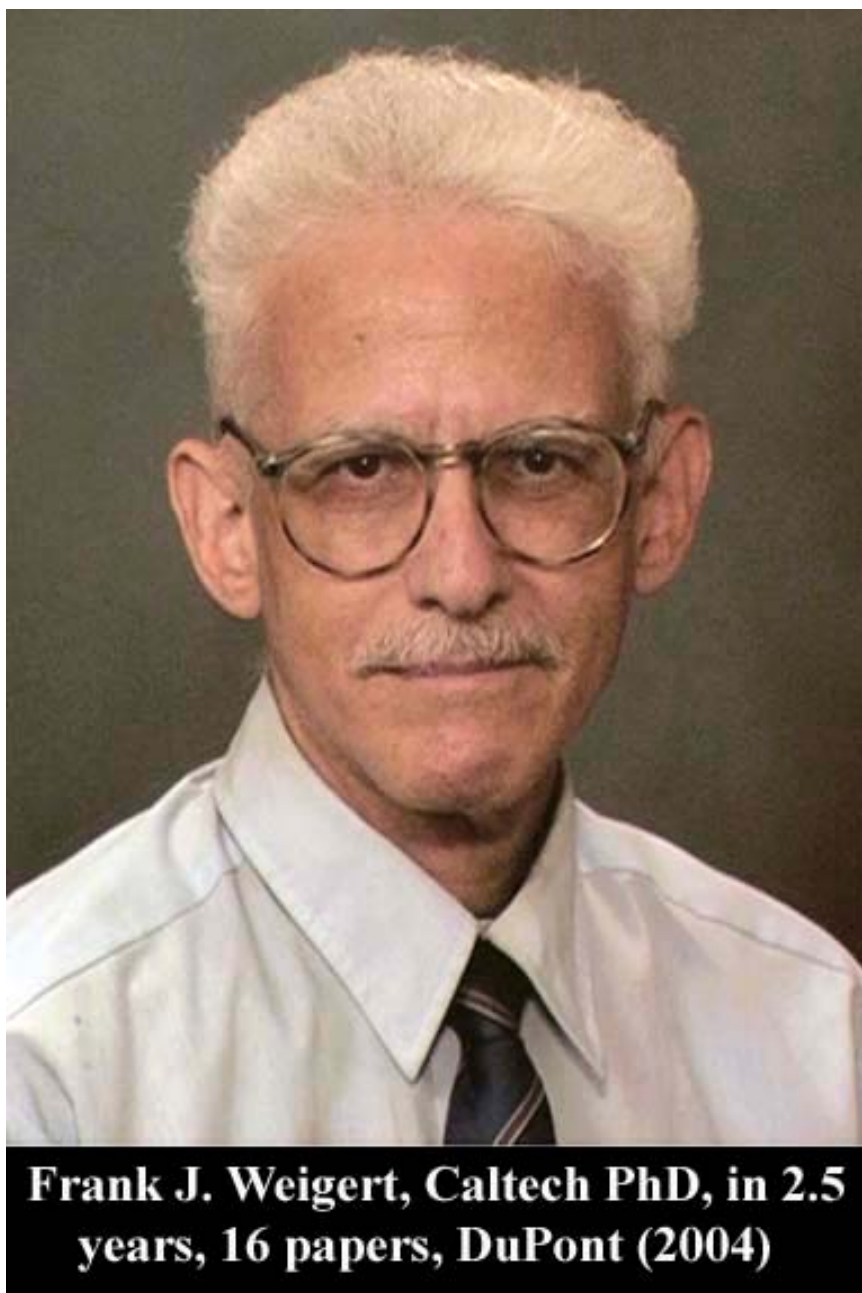


Figure 34S: Frank J. Weigert

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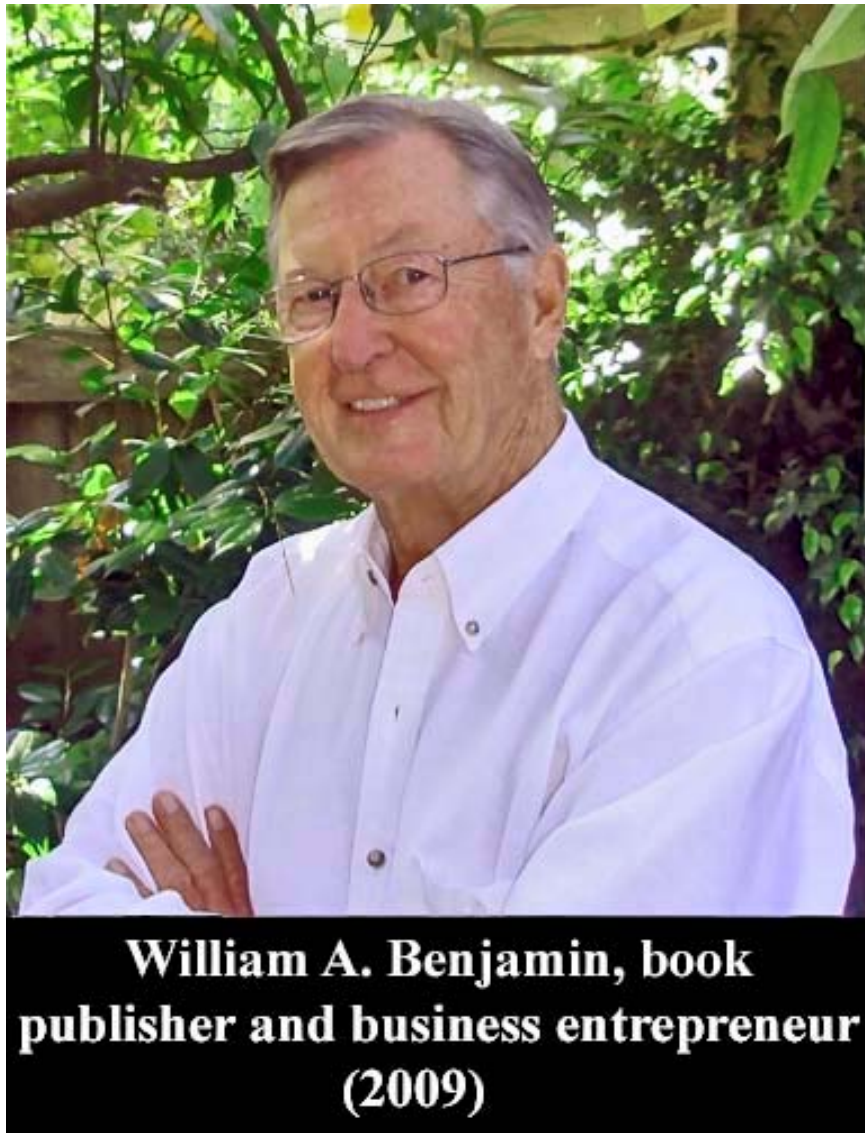
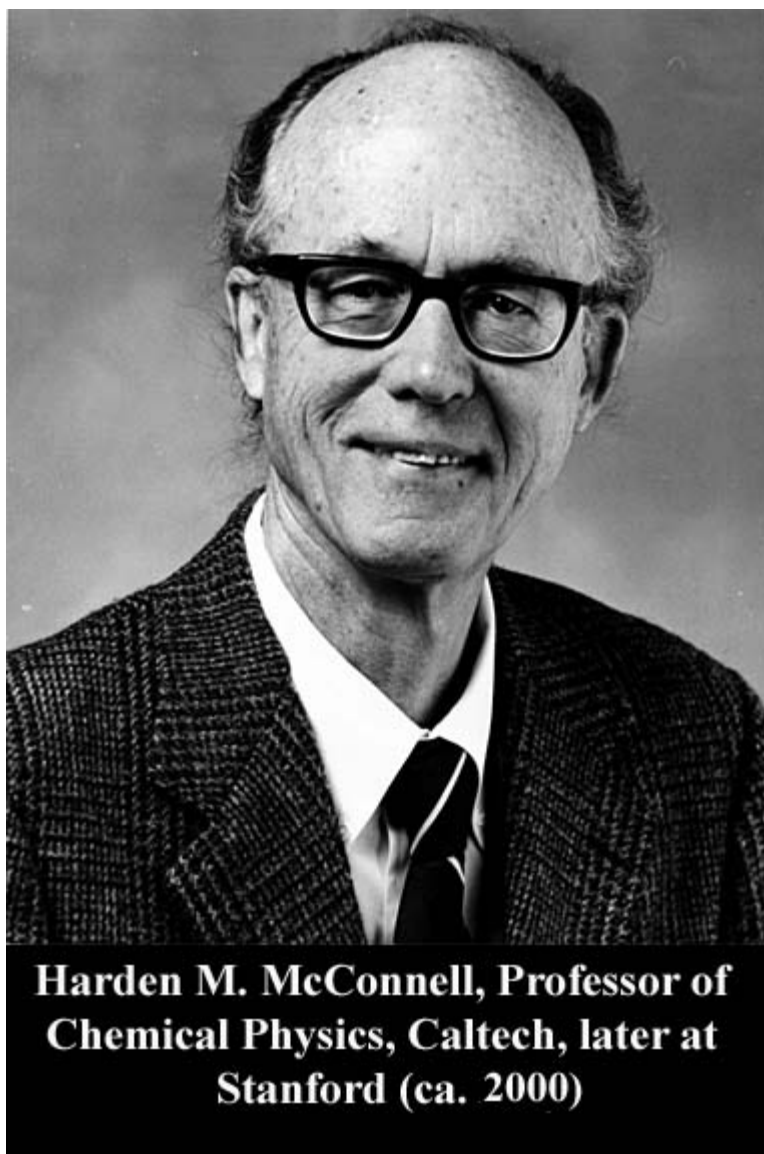


Figure 35S: William A. Benjamin

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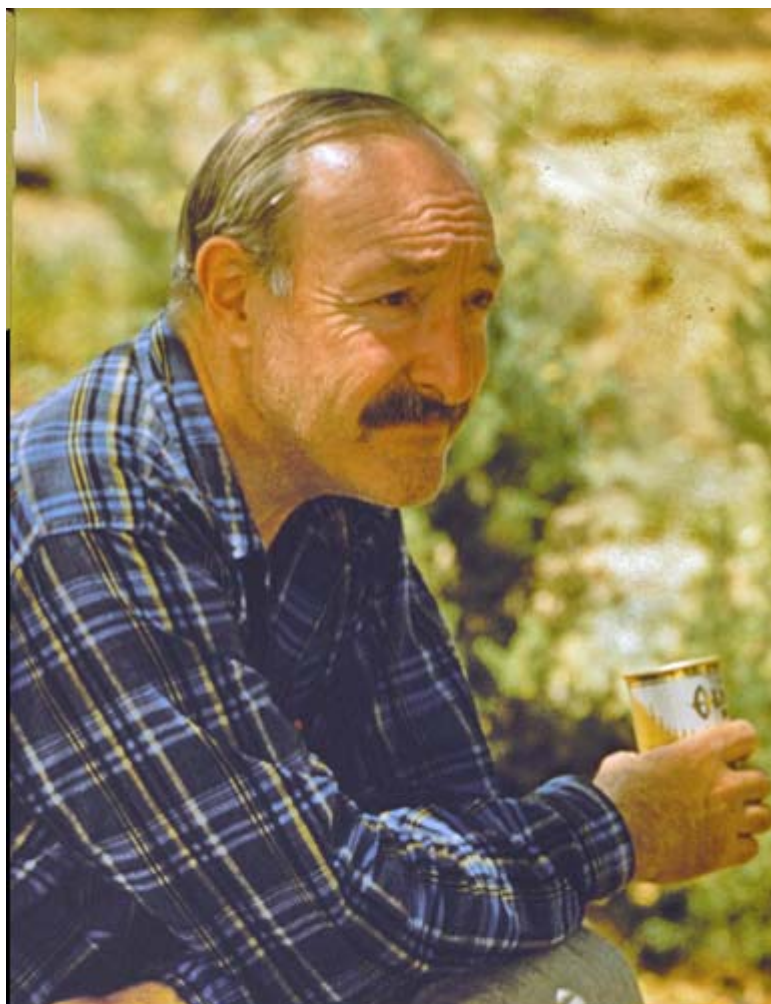


**Harden M. McConnell, Professor of
Chemical Physics, Caltech, later at
Stanford (ca. 2000)**

Figure 36S: Harden M. McConnell

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Edwin R. Buchman, Senior Research Associate at Caltech, worked on cyclopropene and cyclobutadiene

Figure 37S: Edwin R. Buchman

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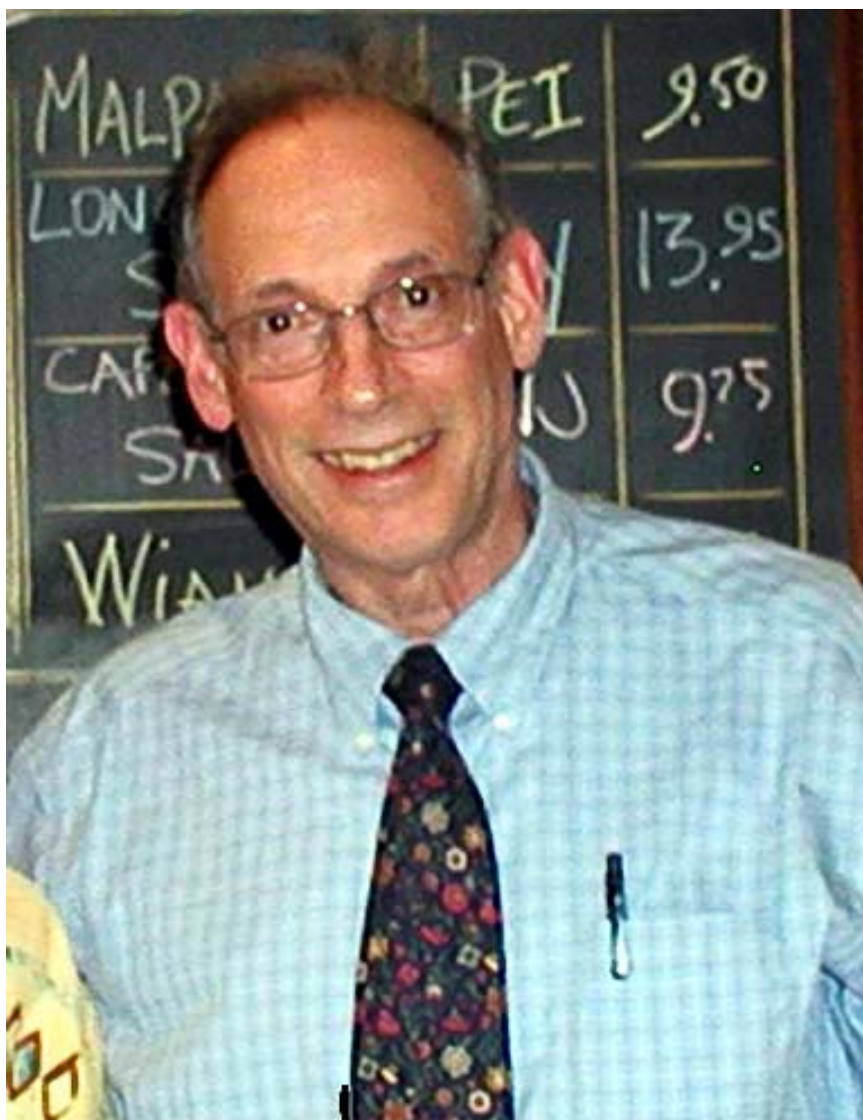


Drs Fred & Marjorie Caserio, they met when postdoctoral fellows at Caltech. Marjorie went to Irvine and then to UC San Diego. Fred, an avid surfer, became an executive of Magna Corporation

Figure 38S: Marjorie C. Caserio

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Jeffrey Seeman, organic chemist and historian, editor of “Profiles Series”

Figure 39S: Jeffrey I. Seeman

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